1600

RAW SEQUENCE LISTING   DATE: 09/12/2003
PATENT APPLICATION: US/08/887,505A   TIME: 14:25:45

Input Set : A:\47508-250(HYZ-040 CIP).ST25.txt
Output Set: N:\CRF4\09122003\H887505A.raw

SEQUENCE LISTING

```
 4 (1) GENERAL INFORMATION:
 6       (i) APPLICANT: Kilkuskie, Robert E.
 7                      Frank, Bruce L.
 8                      Goodchild, John
 9                      Wolfe, Jia L.
10                      Roberts, Peter C.
11                      Hamlin, Jr., Henry A.
12                      Roberts, Noel A.
13                      Walther, Debra M.
15      (ii) TITLE OF INVENTION: Oligonucleotides Specific for
16                               Hepatitis C Virus
18     (iii) NUMBER OF SEQUENCES: 173
20      (iv) CORRESPONDENCE ADDRESS:
21           (A) ADDRESSEE: Hale and Dorr LLP
22           (B) STREET: 60 State Street
23           (C) CITY: Boston
24           (D) STATE: MA
25           (E) COUNTRY: USA
26           (F) ZIP: 02109
28       (v) COMPUTER READABLE FORM:
29           (A) MEDIUM TYPE: Floppy disk
30           (B) COMPUTER: IBM PC compatible
31           (C) OPERATING SYSTEM: PC-DOS/MS-DOS
32           (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
34      (vi) CURRENT APPLICATION DATA:
C--> 35      (A) APPLICATION NUMBER: US/08/887,505A
C--> 36      (B) FILING DATE: 02-Jul-1997
37           (C) CLASSIFICATION:
39     (vii) PRIOR APPLICATION DATA:
40           (A) APPLICATION NUMBER: US 08/471,968
41           (B) FILING DATE: 06-JUN-1995
43    (viii) ATTORNEY/AGENT INFORMATION:
44           (A) NAME: Kerner, Ann-Louise
45           (B) REGISTRATION NUMBER: 33,523
46           (C) REFERENCE/DOCKET NUMBER: 47508-250HYZ-040CIP
48      (ix) TELECOMMUNICATION INFORMATION:
49           (A) TELEPHONE: (617) 526-6000
50           (B) TELEFAX: (617) 526-5000
```

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

RAW SEQUENCE LISTING   DATE: 09/12/2003
PATENT APPLICATION: US/08/887,505A   TIME: 14:25:45

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```
1800 (2) INFORMATION FOR SEQ ID NO: 98:
1802      (i) SEQUENCE CHARACTERISTICS:
1803          (A) LENGTH: 12 base pairs
1804          (B) TYPE: nucleic acid
1805          (C) STRANDEDNESS: single
1806          (D) TOPOLOGY: linear
W--> 1808    (ii) MOLECULE TYPE: DNA/RNA
1810     (iii) HYPOTHETICAL: NO
1812      (iv) ANTI-SENSE: YES
1814       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 98:
E--> 1816 UUCCGCAGAC CA
```

(10)12

VERIFICATION SUMMARY
PATENT APPLICATION: **US/08/887,505A**

DATE: 09/12/2003
TIME: 14:25:46

Input Set : **A:\47508-250(HYZ-040 CIP).ST25.txt**
Output Set: **N:\CRF4\09122003\H887505A.raw**

L:35 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:36 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:62 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=1
L:80 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=2
L:98 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=3
L:117 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=4
L:134 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=5
L:152 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=6
L:170 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=7
L:188 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=8
L:206 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=9
L:224 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=10
L:242 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=11
L:260 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=12
L:278 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=13
L:296 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=14
L:314 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=15
L:332 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=16
L:350 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=17
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L:404 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=20
L:422 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=21
L:440 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=22
L:458 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=23
L:476 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=24
L:494 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=25
L:512 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=26
L:530 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=27
L:548 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=28
L:566 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=29
L:584 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=30
L:602 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=31
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L:638 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=33
L:656 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=34
L:674 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=35
L:692 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=36
L:710 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=37
L:728 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=38
L:746 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=39
L:764 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=40
L:782 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=41
L:800 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=42
L:818 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=43
L:836 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=44
L:854 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=45
L:872 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=46

VERIFICATION SUMMARY
PATENT APPLICATION: US/08/887,505A

DATE: 09/12/2003
TIME: 14:25:46

Input Set : **A:\47508-250(HYZ-040 CIP).ST25.txt**
Output Set: **N:\CRF4\09122003\H887505A.raw**

L:890 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=47
L:908 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=48
L:926 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=49
L:944 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=50
L:1816 M:254 E: No. of Bases conflict, Input:10 Counted:12 SEQ:98